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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|---------------|-------------------------|---------------------|------------------|
| 09/889,845 | 07/23/2001 | Shozo Shoji | MIT-C102 | 1190 |
| | 90 12/14/2004 | | EXAM | NER |
| GEORGE A. LOUD 3137 MOUNT VERNON AVENUE ALEXANDRIA, VA 22305 | | | PARKIN, JE | EFFREY S |
| | | | ART UNIT | PAPER NUMBER |
| | | | 1648 | |
| | | DATE MAILED: 12/14/2004 | | |

Please find below and/or attached an Office communication concerning this application or proceeding.

| | Application No. | Applicant(s) | |
|--|--|---|-----------|
| | 09/889,845 | SHOJI, SHOZO | |
| Notice of Abandonment | Examiner | Art Unit | |
| | Jeffrey S. Parkin, Ph.D. | 1649 | |
| The MAILING DATE of this communic | | th the correspondence address | |
| This application is abandoned in view of: | | • | |
| Applicant's failure to timely file a proper reply to (a) ☐ A reply was received on (with a Certi period for reply (including a total extension of the control of the contr | ficate of Mailing or Transmission dated of time of month(s)) which expirut it does not constitute a proper reply | l), which is after the expirationed on under 37 CFR 1.113 (a) to the final | rejection |
| (A proper reply under 37 CFR 1.113 to a final application in condition for allowance; (2) a the Continued Examination (RCE) in compliance | imely filed Notice of Appeal (with appe | y filed amendment which places the al fee); or (3) a timely filed Request | for |
| (c) A reply was received on but it does n final rejection. See 37 CFR 1.85(a) and 1.1 | ot constitute a proper reply, or a bona 11. (See explanation in box 7 below). | fide attempt at a proper reply, to the | non- |
| (d) ☐ No reply has been received. | | | |
| 2. Applicant's failure to timely pay the required iss from the mailing date of the Notice of Allowance (a) The issue fee and publication fee, if applic), which is after the expiration of the s Allowance (PTOL-85). | e (PTOL-85). cable, was received on (with a | Certificate of Mailing or Transmissi | ion dated |
| (b) The submitted fee of \$ is insufficient. | A balance of \$ is due | | |
| The issue fee required by 37 CFR 1.18 is | | d by 37 CER 1 18(d) is \$ | |
| (c) ☐ The issue fee and publication fee, if application | | σ σ σ σ σ σ σ σ σ σ σ σ σ σ σ σ σ σ σ | |
| 3. Applicant's failure to timely file corrected drawing Allowability (PTO-37). | gs as required by, and within the three | month period set in, the Notice of | |
| (a) Proposed corrected drawings were received after the expiration of the period for reply. | on (with a Certificate of Mailing | or Transmission dated), which | ch is |
| (b) \(\sum \) No corrected drawings have been received. | | | |
| 4. The letter of express abandonment which is signate the applicants. | ned by the attorney or agent of record, | the assignee of the entire interest, o | or all of |
| 5. The letter of express abandonment which is sign 1.34(a)) upon the filing of a continuing application | | a representative capacity under 37 C | CFR |
| 6. The decision by the Board of Patent Appeals an of the decision has expired and there are no allo | | because the period for seeking cou | rt review |
| 7. 🔀 The reason(s) below: | | | |
| Applicants' reply filed 02 March, 2004, does the communication mailed 13 February, 20 said communication. Since the deficiencies expired, the application is abandoned. | 04. Applicants' reply failed to corre | ot the deficiencies clearly set fort inth statutory period for reply has deffrey S. Parkin, Ph.D. Primary Examiner | th in |
| Petitions to revive under 37 CFR 1.137(a) or (b), or requests | s to withdraw the holding of abandonment u | Art Unit: 1648 nder 37 CFR 1.181, should be promptly t | filed to |
| minimize any negative effects on patent term. J.S. Patent and Trademark Office | | | |
| PTOL-1432 (Rev. 04-01) | Notice of Abandonment | Part of Paper No. 12 | 122004 |



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|---|-----------------|----------------------|-------------------------|------------------|
| 09/889,845 | 07/23/2001 | Shozo Shoji | MIT-C102 | 1190 |
| 30132 | 7590 02/13/2004 | | EXAM | INER |
| GEORGE A. LOUD 3137 MOUNT VERNON AVENUE | | | PARKIN, J | EFFREY S |
| | A, VA 22305 | , | ART UNIT | PAPER NUMBER |
| | | | 1648 | |
| | | | DATE MAILED: 02/13/2004 | |

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office
COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

DEA/FCE-1994

| SERIAL NUMBER | FILING DATE | FIRST NAMED APP | LICANT | ATTORNEY DOCKET NO |
|---------------|-------------|-----------------|-----------|--------------------|
| 98984S | | | | |
| | | | EXAMINER | , |
| | | | ART UNIT | PAPER NUMBER |
| | | | DATE MAIL | FD· |

Please find below a communication from the EXAMINER in charge of this application Commissioner of Patents

The communication filed on 03 November, 2003, is not fully responsive to the last Office action for the reason(s) set forth on the attached Notice to Comply with the Sequence Rules or CRF Diskette Problem Report. Applicant is given ONE MONTH, or THIRTY DAYS, whichever is longer, from the mailing date of this letter within which to comply with the sequence rules, 37 C.F.R. § 1.821-1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 C.F.R. § 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 C.F.R. § 1.136(a). In no case may an applicant extend the period for reply beyond the SIX MONTH statutory period. Direct the reply to the undersigned. Applicant is requested to return a copy of the attached CRF Diskette Problem Report with the reply.

Any inquiry concerning this communication should be directed to Jeffrey S. Parkin, Ph.D., whose telephone number is (571) 272-0908. The examiner can normally be reached Monday through Thursday from 8:30 AM to 6:00 PM. A message may be left on the examiner's voice mail service. If attempts to reach the examiner are unsuccessful, the examiner's supervisors, Laurie Scheiner or James Housel, can be reached at (571) 272-0910 or (571) 272-0902, respectively.

Respectfully,

Jeffrey S. Parkin, Ph.D.

Art/Unit 1648

09 February, 2004

09/889,845

| Application No.: | ication No.: |
|------------------|--------------|
|------------------|--------------|

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

| The nucleotide and/or amino acid sequence disclosure contained in this a comply with the requirements for such a disclosure as set forth in 37 C.F. | |
|---|---------------|
| following reason(s): | 1.020 101 116 |
| | |

| ŀΜ | This application algority fails to comply with the remains and 27.0 F.D. 4.004.4 and 3.1.1.1.1. |
|----|--|
| | This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990. |
| | This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c). |
| | A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e). |
| X | A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." |
| | The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d). |
| | The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e). |
| | Other: |
| | |
| Ap | icant Must Provide: |
| X | n initial or substitute computer readable form (CRF) copy of the "Sequence Listing". |
| | n initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry to the specification. |
| X | statement that the content of the paper and computer readable copies are the same and, where oplicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 825(b) or 1.825(d). |

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

For Patentin software help, call (703) 308-6856

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE



NOV 1 0 2003 **TECH CENTER 1900/2900**

RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

| Application Serial Number: | 09/889.845 |
|----------------------------|------------|
| Source: | 1600 |
| Date Processed by STIC: | 11/6/03 |

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS. PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221 Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm, EFS Submission User Manual - ePAVE)
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- 3. Hand Carry directly to (EFFECTIVE 12/01/03): U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1803, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
- 4. Federal Express, United Parcel Service, on other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1803-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

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<110> Nissui Pharmaceutical Co., Ltd. Juda de Jenifit <120> Cyclo dodecapeptide and aids vaccine Currected Distrette Needer <130> NSM003422PCT explain the on (2237 line. FJI: peptide " is inefficient <160> 3 <210> 1 And of Dimette Needer <211> 12 <212> PRT <213> Artificial Sequence (220) peperde delete <300> <301> Shozo Shoji <301> Shozo Shoji <302> Synthesis of Cyclo-oligo peptide and its biological (ai) . do you ctivity)7 303> Japan Pharmacology Academy Kyushu branch Mass meeting Lecture summary collection "activity"! <306> 43 <307> 1998-11-10 24007 1
2400> Arg Asp Asp Ala Glu Gly Glu Lys Gln Ser Asp Gly <210> 2 <211> 5 <213> Artificial Sequence square (220) peptide (40072 on (2237 line acid number Jell (220) paptida)/40072 4400) Glu Ala Asp Asp Arg are aligned property. Vo Lot use TAB <210> 3 Explain on (2237 line <211> 5 codes between <212> PBT. <213> (Artificial Sequence) deliter Ser Gln Lys Glu Gly 7640073 aners seid runters

1) Corsult Sequence Rules
for VALID format:
2) see item 11 on Error Summary
Sheet.